BROOKS (from Dollond's), OPTICAL, MATHEMATICAL and PHILOSOPHICAL INSTRUMENT MAKER, begs respectfully to thank his friends and the public for the liberal patronage he has already received, and to intimate their future favours and recommendations, feels confident in asserting that, having had upwards of twenty years' experience in Dollond's, they may rely that all articles entrusted to him shall be of the most perfect character, and at moderate prices. Telescopes, Telescopic Microscopes, Opera and Race Glasses, Barometers, Quadrants, Compasses, Pantographs, Surveying Instruments, Rules, Scales, &c., of every description.
38, Ludgate-street, St. Paul's.

TO BUILDERS AND OTHERS.
A QUANTITY of RAILING BARS to be sold, all of new iron, and some BALCONY PANELS, at 8l. per ton, at J. JONES'S Iron Wharf, also a large lot of Rain-water Pipes, Gutters, Bends, weights, and other castings, Iron Work for Bakers' ovens of every description, fitted complete to be had in sets or in parts.—Prices equal to all competition. Contracts taken to any extent. Goods landed. A powerful crane.
J. JONES, Iron Merchant, Iron Bridge Wharf, No. 4, Chelsea, London, near the Battersea Iron Bridge. Private letters addressed as above.

CAST-IRON PIPES, IRON WORK FOR OVENS, &c.
RAIN PIPES, &c.—F. A. TIDDEMAN and Co., St. Ann's Wharf, Earl-street, City, near Blackfriars-bridge, keeps a large stock of Rain Pipes, Heads, Shoes, Elbows, &c., built round and to fit Gutters. Socket Pipes for Water or Gas. Flange Pipes, Bash Weights, and other Castings. Iron Work for Bakers' ovens of every description, fitted complete to be had in sets or in parts.—Prices equal to all competition. Contracts taken to any extent. Goods landed. A powerful crane.

TO BUILDERS AND PLUMBERS.
IRON PIPES for hot-water circulation, with Boilers, Fittings, and every connection, at wholesale prices. RAIN-WATER PIPES, ears and O.G. gutters, air bricks, cash weights, and railing bars. STABLE FITTINGS, pumps, lamp columns, wrought-iron tubing and hurdle ground pipe of all sizes, and on the above terms, at LYNCH WHITE'S Iron Wharf, 68, Bankside, London.

IRON FOUNDRY, 80, Goswell-street (late of Brick-lane, St. Luke's).—J. JONES having made great additions to and STOCK of PATTERNS, begs to inform the Trade, that he can now supply them with Plain and Ornamental Iron Columns, Girders, Railings, Palisades, Iron Hurdles, Balconies, Window Guards, Verandahs, Ornamental Staircase Panels, Iron Staircases, Trunk Entablatures, Trellis Panelling, Lamp and other Brackets, Cantilevers, Newel Bars, Water Closet Work, Area Gratings, Fly and other Wheels, Wheel Plates, &c.
BAKERS' OVEN WORK, Peave Racks and Troughs, Rain Water Pipes and Gutters, Cash Weights, Furnace Bars, Stoves, Ranges, &c., always in stock.

FOUNDRY AND IRONWORKS,
138, DRURY-LANE, and CHARLES-STREET, DRURY-LANE.
GLOVER, BROS.,
Solicit the attention of the Trade to their extensive Stock of PATTERNS for CASTINGS of EVERY DESCRIPTION, either structural or ornamental.
Patterns of cisterns, Columns, Balconies, Railing, ornamental Carriage and Park Gates, Lamp and Street Posts, Tanks, Pipes, Wheels, Pinions, Lathes, and Steam-engines, Range and Hot-plate Grates. An improved Street Door step for Interiors, &c.&c.
A large stock of Rain-water Pipes, Pans and Heads, Gutters, Air-bricks, Sash Weights, Air-tight Sewer Grates, Stable Fittings, Bars, &c.&c.
Plain and Ornamental Vases 20 per cent. cheaper than Terra-cotta.
Estimates given for Iron Buildings, Wrought-iron Roofing, Greenhouses, Staircases, Wrought-iron Girders, Flitches of Beams, Book Safes and Strong Rooms, Tanks and Boilers and every description of iron work in specification, and the work executed with every attention to quality and despatch.
GLOVER, BROS., IRONWORKS,
138, DRURY-LANE, and CHARLES-STREET.

THE PATENT GALVANIZED IRON.
TUPPER and CARR,
Owners of Crawford's Patents, and Successors to
THE GALVANIZED IRON COMPANY,
Supply patent Galvanized Sheets, plain or corrugated, for roofing &c., Water or Gas Pipes, Castings, Wire of all gauges, Guttering, Hooping, &c. Wholesale, retail, and for export.
An allowance to the trade.
WORKS—MILLWALL and BIRMINGHAM.
LONDON OFFICE, 4, MANSION-HOUSE PLACE.

IRON BUILDING and ROOFING WORKS,
BIRMINGHAM, late of Smethwick.
JOHN H. PORTER,
Manufacturer of the Corrugated and Galvanized Plate of Iron Roofing for railway stations, carriage sheds, farm buildings, gas-works, warehouses, factories, &c. &c.
PRESENT
Of the Corrugated Iron Beams, Girders, and Fire-proof Floors.

THE PATENT GALVANIZING and CORRUGATING IRON COMPANY, (Incorporated), opposite the principal entrance to the London Docks—(Save 32, Cheap, Minories.—J. SYMONDS and Co. Manager.
The proprietors have made considerable improvements in the mode of working Crawford's Patent, for which they have a license, are now in a position to execute orders to any extent, in a manner hitherto unequalled, and they respectfully solicit the favours of builders, contractors, merchants, and others. The premises will be found to be fitted up with powerful machinery for the prompt execution of shipping orders, and being fully prepared for exportation of the consumption, patent galvanized plain and corrugated sheets, for iron houses, roofing, railway stations, sheds, farm buildings, gas works, warehouses, factories, lofts, verandahs, chancel partitions, safety chests, &c. Iron guttering, water and gas pipes, wire of all sizes, chains and nails for lawns, pleasure-grounds, and gardens, in great variety. Goods sent for and returned, free of charge, within the limits of the City, and all light goods received at the works up to Nine in the morning, will be returned the same day if required.
A liberal allowance to the trade.

MORWOOD and ROGERS'S PATENT GALVANIZED TINNED IRON,—as Iron Tinned previously to being Galvanized.
A. & J. Little & Whitstock, 261, New Oxford-street, and Rose-street, Soho, beg to call the attention of Engineers, Architects, Surveyors, Contractors, Builders, and others, to the metal, which will be found an expeditious and effectually accomplish the objects of the patent. It is suitable to all purposes for which tinned plate is used, is required, both in advantages and economy for roofing it stands unrivalled, strength, durability, and lightness are obtained, as it possesses the qualities of iron protected from decay. Twenty-four gauge weighs 2½ lb. whilst other weights from 3 lbs. to 12lbs. to the foot. It is kept slightly arched upon the principle of temperature, the contraction and expansion being counteracted of heat or cold. The first outlay is less than that of an inferior slate roof. The saving in timber and the lessening of weight of materials on walls being very considerable. When used, arched and corrugated tramway will be seldom required. It is extensively and successfully employed for the roofing of public buildings, workmen's, railway stations, for all sheds, for hanging screens, dwarfs, and tanks; for gutters and pipes of every description, for boats, and troughs, fire hanging, chains, and nails, ship fastenings, &c. &c., in her Majesty's dockyards, on the principal lines of railways, by public companies, and private parties at home and abroad. It is extensively used for greenhouses, horse cattle-sheds, straw yards, and for several other purposes for description as used to the advantages of the metal. The metal is very portable, and if preferred, can be used as flat sheets, and riveted together with bolts, and nuts, if required, with red and white lead, or anything agreeable to the purchaser. ANDREW WHITSTOCK will be happy to furnish pamphlets or testimony of all the uses to which the metal has been applied, and begs to refer to the following of the Directors Mr. GEORGE BURGIN, 22, Parliament-street, Westminster; or other office numbers as to cost. Also may be consulted as to its suitability to any purpose, and will forward estimates, with working drawings, showing the capabilities of all transactions, free of cost.

TO BUILDERS AND OTHERS.
HART and SONS, Wholesale and Manufacturing Ironmongers, Nos. 33, 34, and 35, Wych-street, Strand, Established 1835. Purchasers and sole Manufacturers of PIPE'S PATENT SELF-ADJUSTING DOOR FURNITURE and SPINDLES, and Manufacturers of Dr. ARNOTT'S VENTILATING CHIMNEY VALVES.
HART and SONS solicit the attention of Builders, House Decorators, Smiths, Bell-hangers, &c. &c. to their extensive and well selected stock of DOOR FURNITURE in every suitable material, in ends with finger-plates, bell-pulls, levers, &c., and also to their
LOCKS and LATCHES—in mortice, rim, drawback, iron gate, cabinet &c., of all qualities, including Barron's, Bramah's, Chubb's, and Pipe's Patent.—To their
GENERAL IRONMONGERY wrought and cut nails, screws, tripes, bolts, &c. &c.
BRASS FOUNDRY.—Bell cranks of all descriptions, cornice poles, picture rods, shop door handles, desk and box nails, window guards, ornamental wire work, &c. &c.
WINDOW FITTINGS of all kinds, including brackets, rods, arms, sliding sashes, trays, &c. &c.
IRON SPLAYS and HINGES, including Redmond's, Smith's, Collinge's, Parrish's, and Cresswell's patents.
WINDOW BLIND FITTINGS of the most approved principle.
SHERINGHAM'S and all other VENTILATORS.
LEAN BACK BOLT MORTICE LOCKS, for which they are AGENTS, as well as for all inventions of merit as soon as perfected.
HART and SONS, aware that the promise of publishing NET price-lists is injurious to the interests of the trade generally, are unwilling to follow it, but at the same time they beg to assure their friends that their prices will be found equally as low as those of any other respectable house.

CLARK and HUNT'S IRONMONGERY, STOVE and METAL WAREHOUSE, 138, Shoreditch.
Sterling Elliptic Stoves, with extra back, 6½d. per inch.
Register Stoves, 5d. per inch.
3-ft. Self-acting Oxford Ranges, with oven and boilers, 32s. each.
3-ft. Self-acting ditto, with wrought bars and bright fittings, 50s. ea.

	2 ft.	2½	3 inch.
Cast Rain-water Pipe	5d.	10d.	1s. per yard.
Cast Gutters—4 inch, 8d. per yard.			
O.G. Gutters	4	11d.	1s. per yard.
Best Cut Clasp and Rose	1s. 4d.	1s. 8d.	2 inch.
	1s. 8d.	2s. 4d.	2s. per cwt.
Sheet Flooring Brads, 11d. 6d. per cwt.			
1-inch Cut Lath, 7s.	Cast Lath, 3s. 6d.		

4-inch 3-Bolt Rd. Ward Mortice, with best Furniture and Patent Spindles, 2s. 9d.
Light Elliptic and Register Metal, 12s. per cwt.
Hot Water Pipes, 6s. 6d. per cwt.
Dr. Arnott's Ventilators, 8s. each.
An extensive stock of bar, rod, hoop, and sheet iron.

TO BUILDERS and CARPENTERS.—
Elliptic Stoves, double backs, 5½d. per inch.
Register Stoves, 5d. 6d. 6½d. 7½d. per inch.
Self-acting Ranges, with circular ovens and back boilers, best wrought bars and bright fittings.

3 ft. 9 in.	3 ft. 6 in.	4 ft.	5 ft. 2 in.
£3	£3 10s.	£4	£5 10s.

3-feet Oxford Ranges, with ovens and back boilers, 32s. each.
3-feet self-acting ditto ditto ..... 32s. each.
Air Bricks, 4s. 6d. per doz. 1-inch Cut Lath Nails, 12s. 6d. per cwt.
Best Patent Cut Clasp.

1½	1¾	2	2½	2 inch and larger,
14s. 6d.	16s.	18s.	22s. 6d.	28s. per cwt.

Best Sheet Floor Brads, 11s. 6d. per cwt.
Best Town Glue, 1s. Dutty Scotch, 1s. per cwt.
Best Patent Sash Line.

1	2	3	4	5	6
4s.	4s. 6d.	5s. 6d.	7s.	9s.	10s. 6d. per gross.

At F. R. WILLIAMSON'S IRONMONGERY and STOVE WAREHOUSE, 35, Chiswell-street, Finsbury-square.
Lists of Prices had on application at the Warehouse, or by letter, pre-paid, inclosing postage stamp.—Warehouse closes at 7 o'clock.

STOVES, RANGES, &c.

HAYWARD, BROTHERS,
148, Blackfriars-road, and 117 and 118, Union street, Borough,
IRONMONGERS, and MANUFACTURERS
Of Self-acting Ranges, Elliptic and Register Stoves, Arnott's Valves, &c.
SOLE MANUFACTURERS OF
HENLY'S patent improved KITCHEN RANGE, with hot plate
Wolfenden's patent radiating and reflecting Register Stoves, and
SHERINGHAM'S VENTILATOR.

TO BUILDERS, CABINET-MAKERS, and OTHERS.
Best Cut Sheet Flooring Brads, 11s. 6d. per cwt.
Fine Cut Clasp and Rose.

14s. 6d.	14s. 6d.	15s. 6d.	17s.	18s. 6d. per cwt.
1½	1¾	2	2½	3 inch.

Cross Garnet Hinges, per dozen pair.

2s. 6d.	3s. 6d.	4s. 6d.	5s.	6s.	8s.
10	12	14	16	18	20 in.

Best Bright Tower Bolts, per doz.

1s. 3d.	1s. 7d.	2s. 2d.	2s. 10d.	3s. 3d.	3s. 7d.
3	4	5	6	7	8 in.

Iron Rain-water Pipe.

5d.	10d.	1s. 1d.	1s. 3d	1s. 6d. per yard.
2½	3½	3½	4 inch.	

Best London Glue, 20s. per cwt.
Cast Lath Nails, 10s. per cwt.
Air Bricks, 4s. 6d. per doz.
Hooping for bond, 6d. 9s. per ton.
Cash Weights, 3s. per cwt.
TERMS—NET CASH.
A price list may be had on application.
A. L. PFEIL and Co.,
Wholesale Ironmongers, Brass Foundry and Nail Warehouses,
3 and 4, Broad-street, Bloomsbury, London.
AGENTS FOR LEAS PATENT MORTICE LOCKS AND BOLTS.

TO BUILDERS AND CARPENTERS, &c.
J. H. BOOBBYER and CO., late Sturch and Boobbyer, Ironmongery, Brass Foundry, Nail, and Tool Warehouse, No. 14, stand-pipe street, Clare-market, London, for the supply of Carpenters, Builders, Cabinet-makers, Upholders, &c., at wholesale prices.
Best Cut Sheet Flooring Brads, 11s. 6d. per cwt.
Fine Cut Clasp and Rose.

14s. 6d.	14s. 6d.	15s. 6d.	17s.	18s. 6d. per cwt.
1½	1¾	2	2½	3 inch.

Best Bright Tower Bolts.

2s. 3d.	2s. 7d.	3s. 2d.	3s. 6d. per dozen.
3	4	5	6 inch.

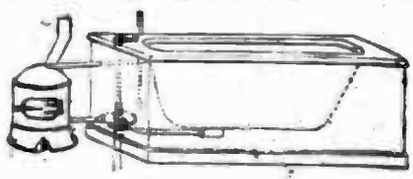
Best Patent Sash Line.

No. 1	2	3	4	5	6
4s.	4s. 6d.	5s. 6d.	7s.	9s.	10s. 6d. per gross.

Cast Lath Nails, 10s. per cwt. Air Bricks, 4s. 6d. per dozen.
DR. ARNOTT'S VENTILATORS.
16 by 8 inches ..... 3s. each.
16 by 9 " ..... 4s. "
An assortment in Brass, Bronzed, Gilt, &c.
An extensive stock of Mortise Locks, Drawback Locks, Iron Rim Locks and Latches, of every description, at very reduced prices; also Door Furniture, in china, amber, crystal, ivory, stone, buffalo horn, brass, &c., with finger-plates, bell-pulls, and levers made.
B. and Co. are the inventors of SHIFTING BOLT MORTISE LOCKS, &c., so universally approved of.—Established nearly 100 years. Large supply of goods from the best manufacturers at the lowest prices.

THE attention of those who are interested in Building is earnestly invited to a method of constructing the FLOORS, CEILINGS, and ROOFS of HOUSES on an IMPROVED FIRE-PROOF PRINCIPLE, the adoption of which secures many important advantages at a cost not greater than that of the common mode of building with timber. Perfect security from fire—economy of construction—freedom from the attacks of dry-rot, beetle, &c.—and increased strength and durability, are the leading features of this system; a pamphlet fully descriptive of which, and all further information, may be obtained on application to the proprietors of the patent, Messrs. FOX and BARRETT, 46, Leicester-square, London.

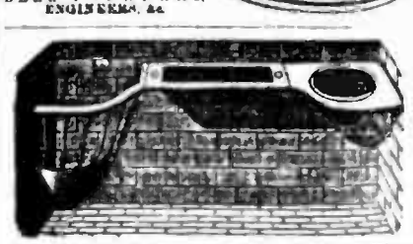
WARMING by HOT WATER.—J. WEEKS and Co., KING'S-ROAD, CHELSEA, solicit the honour of Architects to inspect their Hot Water Apparatus, which is to be seen on their premises, in extensive operation, ornamental Pedestals and Stacks of Pipes in great variety, applicable for warming churches, mansions, entrance halls, offices, conservatories, &c.—TUBULAR BOILERS of all sizes, warranted to be the most efficient and economical of any yet introduced.—J. WEEKS and Co., Hot-Water Apparatus Manufacturers, King's-road, Chelsea.

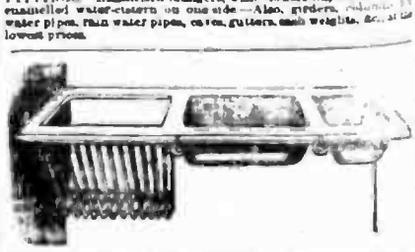

BATHS.—J. TYLOR and SON'S improved APPARATUS, consisting of copper or galvanised iron baths, coated with enamelled white or Sienna marbles inside, copper circulating boiler, with three-way cock for hot, cold, and waste water, complete, is MOVEABLE, and does not require any BRICK-WORK. Manufacturers of every description of boilers and coil pipes for heating baths or public buildings, hospitals, union workhouses, asylums, &c.—Apply to Ironmongers or Plumbers, or to the Manufacturers, Warwick-lane, London.

CHUBBS' LOCKS, FIRE-PROOF SAFES, AND CASH BOXES.
CHUBBS' PATENT DETECTOR LOCKS give perfect security from false keys and picklocks, and also detect any attempt to open them. They are made of all sizes, and for every purpose to which locks are applied, and are strong, secure, simple, and durable.
CHUBBS' PATENT LATCH, for front doors, counting-house doors, &c., is simple in construction, low in price, and quite secure. The keys are particularly neat and portable.
CHUBBS' PATENT FIRE-PROOF SAFES, BOOKCASES, CHESTS, &c., made entirely of strong wrought-iron, so as effectually to resist the falling of brick-work, timber, &c., in case of fire, and are also perfectly secure from the attacks of the most skilful burglars.
CHUBBS' CASH and DEED BOXES, fitted with the Detector Locks.
CHUBB and SON, 57, St. Paul's Churchyard, London.

GREAT FIRES in MARK-LANE and SOUTHAMPTON-STREET, STRAND.—In these destructive Fires Deeds and Documents of immense value have been preserved uninjured by LEADBEATER'S PATENT FIRE-PROOF SAFES.—LEADBEATERS STRONG WROUGHT-IRON FIRE-PROOF BOOK SAFES, CHESTS, and DEPOSITS, for Strong Rooms, Plate Closets, and Party-walls, &c., of the best make, and possessing all the most recent improvements, are the best depositories for property of every description in the world—extra-strong Cash and Deed Boxes, with Detector Locks; Patent Detector Locks and Latches for all purposes. LEADBEATER, PATENTEE and MANUFACTURER of the much approved Ventilating and Down-draught preventing CHIMNEY POT. This desirable article is found to be the most effectual cure for Smoky Chimneys ever yet before the public, and is adapted to every style of Architecture.
A large assortment on hand at LEADBEATERS MANUFACTORY, 129, ALDERSGATE-STREET, CITY of LONDON, where Prospectuses may be had.
LEADBEATER, many years Manufacturer for Chubbs.

CHURCH and TURRET BELLS cast to any weight, and tuned. Ships, plantation, hawse, sheep, cup, and clock bells, of any size.
MUSICAL HAND BELLS
Tuned to the chromatic scale, with improved clappers, and pegged on a new system, which gives a superior tone and facility for ringing.
Memorial Brasses, Pulpit Lights, and Brackets, &c.
Old Bells recast or taken in exchange.
J. WARNER and SONS, BELL FOUNDERS, ENGINEERS, &c.


SAMUEL HOOD and Co., Castings Warehouse, 81, Upper Thames-street, REGISTERED STOVE FITTINGS. Enamelled Mangers, with double hay-racks, of enamelled water-cistern on one side.—Also, girders, columns, water pipes, rain water pipes, eaves, gutters, cash weights, &c., at the lowest prices.


COTTAM and HALLEN, 2, Winsley-street, Oxford-street, beg leave to draw attention to their improved patterns in STABLE FURNITURE. The iron rack, and water-trough are placed in a line together, and have cast rubber plating, dovetailed, or enamelled. Cast iron and wrought iron work of every description, at the lowest scale of prices. Cast ground pipe, 5s 9d per cwt. Estimates upon application.
COTTAM and HALLEN, 2 Winsley-street, Oxford-st., London.

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